SEQUENCE LISTING

<110> Ashkenazi, Avi J.
Chuntharapai, Anan
Kim, Kyung Jin

<120> APO-2 RECEPTOR

<130> 11669.28US04

<140> 09/020,746
<141> 1998-02-09

<150> 08/857,216
<151> 1997-05-15

<160> 11

<170> PatentIn Ver. 2.0

<210> 1
<211> 411
<212> PRT
<213> Homo sapiens

<220>
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<222> (410)
<223> Xaa = Leu or Met

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Arg His Gly Pro Gly Pro Arg Glu Ala Arg Gly Ala Arg Pro Gly Leu
20 25 30

Arg Val Pro Lys Thr Leu Val Leu Val Val Ala Ala Val Leu Leu Leu
35 40 45

Val Ser Ala Glu Ser Ala Leu Ile Thr Gln Gln Asp Leu Ala Pro Gln
50 55 60

Gln Arg Ala Ala Pro Gln Gln Lys Arg Ser Ser Pro Ser Glu Gly Leu
65 70 75 80

Cys Pro Pro Gly His His Ile Ser Glu Asp Gly Arg Asp Cys Ile Ser
85 90 95

Cys Lys Tyr Gly Gln Asp Tyr Ser Thr His Trp Asn Asp Leu Leu Phe
100 105 110

Cys Leu Arg Cys Thr Arg Cys Asp Ser Gly Glu Val Glu Leu Ser Pro
115 120 125

Cys Thr Thr Thr Arg Asn Thr Val Cys Gln Cys Glu Glu Gly Thr Phe
130 135 140

Arg Glu Glu Asp Ser Pro Glu Met Cys Arg Lys Cys Arg Thr Gly Cys
145 150 155 160

Pro Arg Gly Met Val Lys Val Gly Asp Cys Thr Pro Trp Ser Asp Ile
165 170 175

Glu Cys Val His Lys Glu Ser Gly Ile Ile Ile Gly Val Thr Val Ala
180 185 190

Ala Val Val Leu Ile Val Ala Val Phe Val Cys Lys Ser Leu Leu Trp
195 200 205

Lys Lys Val Leu Pro Tyr Leu Lys Gly Ile Cys Ser Gly Gly Gly Gly
210 215 220

Asp Pro Glu Arg Val Asp Arg Ser Ser Gln Arg Pro Gly Ala Glu Asp
225 230 235 240

Asn Val Leu Asn Glu Ile Val Ser Ile Leu Gln Pro Thr Gln Val Pro
245 250 255

Glu Gln Glu Met Glu Val Gln Glu Pro Ala Glu Pro Thr Gly Val Asn
260 265 270

Met Leu Ser Pro Gly Glu Ser Glu His Leu Leu Glu Pro Ala Glu Ala
275 280 285

Glu Arg Ser Gln Arg Arg Arg Leu Leu Val Pro Ala Asn Glu Gly Asp
290 295 300

Pro Thr Glu Thr Leu Arg Gln Cys Phe Asp Asp Phe Ala Asp Leu Val
305 310 315 320

Pro Phe Asp Ser Trp Glu Pro Leu Met Arg Lys Leu Gly Leu Met Asp
325 330 335

Asn Glu Ile Lys Val Ala Lys Ala Glu Ala Ala Gly His Arg Asp Thr
340 345 350

a' cont

94

Leu Tyr Thr Met Leu Ile Lys Trp Val Asn Lys Thr Gly Arg Asp Ala
355 360 365

Ser Val His Thr Leu Leu Asp Ala Leu Glu Thr Leu Gly Glu Arg Leu
370 375 380

Ala Lys Gln Lys Ile Glu Asp His Leu Leu Ser Ser Gly Lys Phe Met
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Tyr Leu Glu Gly Asn Ala Asp Ser Ala Xaa Ser
405 410

<210> 2
<211> 1799
<212> DNA
<213> Homo sapiens

<220>
<221> variation
<222> (1367)
<223> w = Adenine, Thymine or Uracil

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gagctctgga aagttcatgt atctagaagg taatgcagac tctgccwtgt cctaagtgtg 1380

a' cont

15

a

attctcttca ggaagtgaga ccttccctgg tttacctttt ttctggaaaa agcccaactg 1440
gactccagtc agtaggaaag tgccacaatt gtcacatgac cggtactgga agaaactctc 1500
ccatccaaca tcacccagtg gatggaacat cctgtaactt ttcactgcac ttggcattat 1560
ttttataagc tgaatgtgat aataaggaca ctatggaaat gtctggatca ttccgtttgt 1620
gcgtactttg agatttggtt tgggatgtca ttgttttcac agcacttttt tatcctaatg 1680
taaatgcttt atttatttat ttgggctaca ttgtaagatc catctacaaa aaaaaaaaaa 1740
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<213> Artificial Sequence

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<221> misc_feature
<222> (1)..(70)
<223> Sequence is synthesized

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aggcagcggg 70

<210> 4
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
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<223> Sequence is synthesized

<400> 4
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a1 Cont.

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<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (1)..(30)
<223> Sequence is synthesized

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910

a2

<210> 6
<211> 411
<212> PRT
<213> Homo sapiens

<400> 6

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Met Glu Gln Arg Gly Gln Asn Ala Pro Ala Ala Ser Gly Ala Arg Lys
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Arg His Gly Pro Gly Pro Arg Glu Ala Arg Gly Ala Arg Pro Gly Leu
            20                  25                  30

Arg Val Pro Lys Thr Leu Val Leu Val Val Ala Ala Val Leu Leu Leu
        35                  40                  45

Val Ser Ala Glu Ser Ala Leu Ile Thr Gln Gln Asp Leu Ala Pro Gln
    50                  55                  60

Gln Arg Ala Ala Pro Gln Gln Lys Arg Ser Ser Pro Ser Glu Gly Leu
65                  70                  75                  80

Cys Pro Pro Gly His His Ile Ser Glu Asp Gly Arg Asp Cys Ile Ser
                85                  90                  95

Cys Lys Tyr Gly Gln Asp Tyr Ser Thr His Trp Asn Asp Leu Leu Phe
            100                 105                 110

Cys Leu Arg Cys Thr Arg Cys Asp Ser Gly Glu Val Glu Leu Ser Pro
        115                 120                 125

Cys Thr Thr Thr Arg Asn Thr Val Cys Gln Cys Glu Glu Gly Thr Phe
    130                 135                 140

Arg Glu Glu Asp Ser Pro Glu Met Cys Arg Lys Cys Arg Thr Gly Cys
145                 150                 155                 160

Pro Arg Gly Met Val Lys Val Gly Asp Cys Thr Pro Trp Ser Asp Ile
                165                 170                 175

Glu Cys Val His Lys Glu Ser Gly Ile Ile Ile Gly Val Thr Val Ala
            180                 185                 190

Ala Val Val Leu Ile Val Ala Val Phe Val Cys Lys Ser Leu Leu Trp
        195                 200                 205

Lys Lys Val Leu Pro Tyr Leu Lys Gly Ile Cys Ser Gly Gly Gly Gly
    210                 215                 220
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77

Asp Pro Glu Arg Val Asp Arg Ser Ser Gln Arg Pro Gly Ala Glu Asp
225 230 235 240

Asn Val Leu Asn Glu Ile Val Ser Ile Leu Gln Pro Thr Gln Val Pro
245 250 255

Glu Gln Glu Met Glu Val Gln Glu Pro Ala Glu Pro Thr Gly Val Asn
260 265 270

Met Leu Ser Pro Gly Glu Ser Glu His Leu Leu Glu Pro Ala Glu Ala
275 280 285

Glu Arg Ser Gln Arg Arg Arg Leu Leu Val Pro Ala Asn Glu Gly Asp
290 295 300

Pro Thr Glu Thr Leu Arg Gln Cys Phe Asp Asp Phe Ala Asp Leu Val
305 310 315 320

Pro Phe Asp Ser Trp Glu Pro Leu Met Arg Lys Leu Gly Leu Met Asp
325 330 335

Asn Glu Ile Lys Val Ala Lys Ala Glu Ala Ala Gly His Arg Asp Thr
340 345 350

Leu Tyr Thr Met Leu Ile Lys Trp Val Asn Lys Thr Gly Arg Asp Ala
355 360 365

Ser Val His Thr Leu Leu Asp Ala Leu Glu Thr Leu Gly Glu Arg Leu
370 375 380

Ala Lys Gln Lys Ile Glu Asp His Leu Leu Ser Ser Gly Lys Phe Met
385 390 395 400

Tyr Leu Glu Gly Asn Ala Asp Ser Ala Leu Ser
405 410

a' cont.

<210> 7
<211> 76
<212> PRT
<213> Homo sapiens

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Phe Ala Asp Leu Val Pro Phe Asp Ser Trp Glu Pro Leu Met Arg Lys
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Leu Gly Leu Met Asp Asn Glu Ile Lys Val Ala Lys Ala Glu Ala Ala
20 25 30

78

a

Gly His Arg Asp Thr Leu Tyr Thr Met Leu Ile Lys Trp Val Asn Lys
35 40 45

Thr Gly Arg Asp Ala Ser Val His Thr Leu Leu Asp Ala Leu Glu Thr
50 55 60

Leu Gly Glu Arg Leu Ala Lys Gln Lys Ile Glu Asp
65 70 75

<210> 8
<211> 76
<212> PRT
<213> Homo sapiens

<400> 8
Phe Ala Asn Ile Val Pro Phe Asp Ser Trp Asp Gln Leu Met Arg Gln
1 5 10 15

Leu Asp Leu Thr Lys Asn Glu Ile Asp Val Val Arg Ala Gly Thr Ala
20 25 30

Gly Pro Gly Asp Ala Leu Tyr Ala Met Leu Met Lys Trp Val Asn Lys
35 40 45

Thr Gly Arg Asn Ala Ser Ile His Thr Leu Leu Asp Ala Leu Glu Arg
50 55 60

Met Glu Glu Arg His Ala Lys Glu Lys Ile Gln Asp
65 70 75

<210> 9
<211> 74
<212> PRT
<213> Homo sapiens

a' cont

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Val Met Asp Ala Val Pro Ala Arg Arg Trp Lys Glu Phe Val Arg Thr
1 5 10 15

Leu Gly Leu Arg Glu Ala Glu Ile Glu Ala Val Glu Val Glu Ile Gly
20 25 30

Arg Phe Arg Asp Gln Gln Tyr Glu Met Leu Lys Arg Trp Arg Gln Gln
35 40 45

79

a

Gln Pro Ala Gly Leu Gly Ala Val Tyr Ala Ala Leu Glu Arg Met Gly
50 55 60

Leu Asp Gly Cys Val Glu Asp Leu Arg Ser
65 70

<210> 10
<211> 78
<212> PRT
<213> Homo sapiens

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Val Val Glu Asn Val Pro Pro Leu Arg Trp Lys Glu Phe Val Arg Arg
1 5 10 15

Leu Gly Leu Ser Asp His Glu Ile Asp Arg Leu Glu Leu Gln Asn Gly
20 25 30

Arg Cys Leu Arg Glu Ala Gln Tyr Ser Met Leu Ala Thr Trp Arg Arg
35 40 45

Arg Thr Pro Arg Arg Glu Ala Thr Leu Glu Leu Leu Gly Arg Val Leu
50 55 60

Arg Asp Met Asp Leu Leu Gly Cys Leu Glu Asp Ile Glu Glu
65 70 75

<210> 11
<211> 77
<212> PRT
<213> Homo sapiens

<400> 11
Ile Ala Gly Val Met Thr Leu Ser Gln Val Lys Gly Phe Val Arg Lys
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Asn Gly Val Asn Glu Ala Lys Ile Asp Glu Ile Lys Asn Asp Asn Val
20 25 30

Gln Asp Thr Ala Glu Gln Lys Val Gln Leu Leu Arg Asn Trp His Gln
35 40 45

Leu His Gly Lys Lys Glu Ala Tyr Asp Thr Leu Ile Lys Asp Leu Lys
50 55 60

Lys Ala Asn Leu Cys Thr Leu Ala Glu Lys Ile Gln Thr

a/ cont

65 70 75

81